

BIRO, Attila

Calculation of heat transfer by heat flow in industrial furnaces by
means of model experiments. Kohlap 95 no.9:393-397 S '62.

1. Koho- és Gépipari Miniszterium Hitechnikai Kutatoallomasanak
tudományos osztalyvezetője, Miskolc.

BIRO, Attila, inzh.; FRANTSIA, Yozhef [Francia, Jozsef], inzh.

Modernization of soaking pits with bottom heating. Stal' 23 no.7:659-
663 Jl '63. (MIRA 16:9)

1. Vengerskaya Marodnaya Respublika.
(Hungary—Furnaces, Heating)

BIRO, Attila, dr.

Improving heat transfer in the working space of industrial furnaces.
Koh lap 97 no.8:383-386 Ag '64.

1. Deputy Director, Heat Engineering Research Institute, Ministry
of Metallurgy and Machine Industry, Miskolc.

BIRO, B., Dipl. Ing.

Basic principles of the dimensioning of conical roller bearings.
Periodica polytech eng 4 no.2:137-153 '60. (EEAI 10:4)

1. Lehrstuhl fur Maschinenelemente an der Technischen Universitat
Budapest.
(Roller bearings)

BIRO, B.

Time reduction of the endurance tests and developments in fatigue testing machines. Acta techn Hung 35/36:339-346 '61

1. Kermi, Budapest,

BERENYI, Denes, dr.; BIRO, Bela

Investigations on the methods of the scintillation β -spectroscopy.
ATOMKI kozl 4 no.3/4:183-190 D '62.

1. "ATOMKI Kozlemenek" szerkeszto bizottsagi tagja (for Berenyi).

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6

BIRO, Bela; FARNUCZ, Nandor

Durability tests on roller bearings under alternating load.
Gep 17 no.1:11-15 Ja '65.

APPROVED FOR RELEASE: 06/08/2000

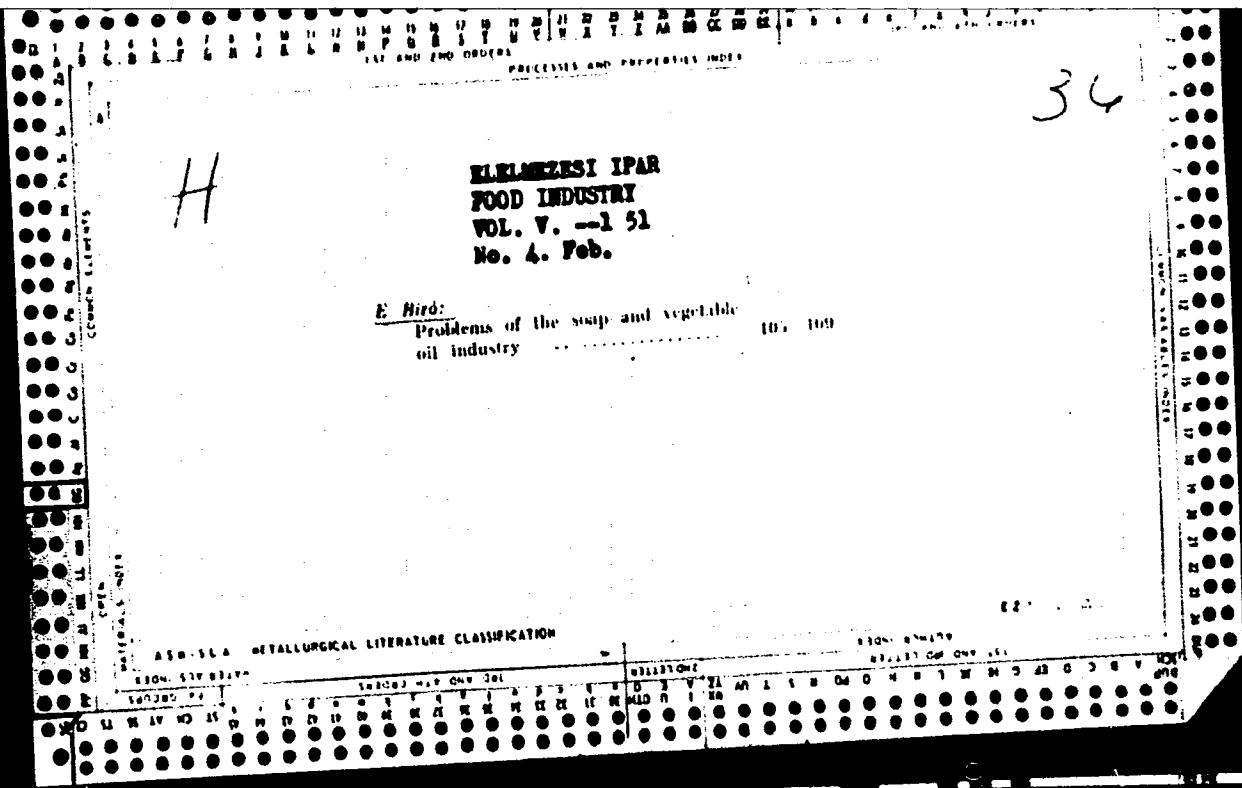
CIA-RDP86-00513R000205330002-6"

BIRO E., BARANY M., GARDOS G.

An alkontozain - adenosintrifoszfát (ATP) különhatás
mekanizmusa. [Mechanism of the reciprocal effect of acto-
myosin and adenosintriphosphate] Kísérleti orvostud. 3:3
1951 p. 218-27.

1. Chemical Institute, Budapest Medical University.

CLML 20, 10 Oct. 51



BIRO S.

Adatok az intramedullaris transfusio es infusio kerdeshez,
Data on intramedullar transfusion and infusion? Orv. hatil.,
Budapest 92:27 8 July 51 p. 859-62.

1. Doctor. 2. Pediatrics Department (Head Physician--Prof. Dr. Pal Svastits), Kaposvar Semogymagye General Hospital (Director - Head Physician--Prof. Dr. Jozsef Frankl).
CIML Vol. 20, No. 10 Oct 1951

DIKÓ, E.

(23)

C. A. V-48
Jan 10, 1954
Physiology

Certain electron microscopic observations on cross-striated muscle fibrils. Ferenc Guba and Endre Biró (Hung. Acad. Sci., Budapest). *Agrokémia és Talajtan* 2, 41-3 (1953).— Prolonged extn. of isolated fibrils of the psoas muscle of rabbits and rats showed structureless thin membranes, confirming the existence of a membrane surrounding the individual myofibrils. Shorter extn. indicated faint A-disks without any visible structures corresponding with Z-membranes which, in relation to the noncollagenous A-substance, dissolve more readily. Z-membranes seem thus to be built of some noncollagenous material. The extg. agent applied was 0.05*N* NaOH. István Findly

BIRO E. and PERL K.

Chem. Inst., Med. Univ., Budapest. * Eine neue Methode zur Bestimmung der Eiweisskörper des Muskels. A new method for determination of the protein components of muscle
ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1954, 5 suppl. (18-20)

SO: EXCERPTA MEDICA Section II Vol 7 N. 12

BIRO, E..

Planning and organization of scientific research institutes based
on Soviet experiences. P. 341
Vol. 13, no. 4, 1954, Budapest, Hungary KOZLEMENYEI

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 3
March, 1956

BIRO, E.

"The 4th International Congress of Biochemistry; Vienna, September 1-6, 1958." p. 165.

BIOLOGIAI KOZLEMENYEK. (Magyar Biologiai Tarsasag. Altalanos Biologias Szakosztaly). Budapest, Hungary, Vol. 6, No. 2, 1959.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8, August 1959.
Uncla.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6

BIRO, Endre, dr.

The 4th International Congress of Biochemistry; Vienna, September
1-6, 1958. Biol kozl 6 no.2:165-166 '59.

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APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6"

Buro, E.

Bratislava, Slovakian

Country: Czechoslovakia

Academic Degrees:

Affiliations:

Source: Bratislava, Československá Akademie Věd, No 11-12, Nov-Dec 60, p 819

Date:

L.
Academic Degree: Candidate of Chemical Sciences
Affiliation: Chemical Institute, Slovak Academy of Sciences,
Department of Chemistry of Natural Substances,
Bratislava.

Date: Co-author of "A New Electronic Device for Recording
Oscillographic Polarograms by Means of a Single
Cycle," Source.

D.
Academic degree: Engineer
Affiliation: Chemical Institute, Slovak Academy of Sciences,
Department of Chemistry of Natural Substances,
Bratislava.

Date: Co-author of "A New Electronic Device for Recording
Oscillographic Polarograms by Means of a Single AC
Cycle," Source.

Bur

BIRO, E.; LICHARDUS, B.

A simple apparatus for cryoscopy with the aid of a thermistor.
Cesk. fysiol. 11 no.1:53-54 Ja '62.

1. Chemicky ustav SAV a Endokrinologicky ustav SAV, Bratislava.
(CHEMISTRY ANALYTICAL equip. & supplies)

HUNGARY

BIRO, Endre: Eotvos Lorand University, Institute of Genetics and Heredity,
Biochemical Group (ELTE -- Eotvos Lorand Tudomanyegyetem, Szarmazas- es
Oroklestani Intezet, Biokemiai Csoport), Budapest.

"The Fibrillar Structure and the Contraction."

Budapest, A Magyar Tudomanyos Akademia Biologial Tudomanyok Osztalyanak
Kozlemenyei, Vol VI, No 1-2, 1963, pages 161-163.

Abstract: The article consists of two parts. In the first, the structurally and biochemically rather well-known functional organization of the muscles is discussed. In the second part, the structure of the cell parts which perform active motion, such as the cilia, flagellae are described. These have been studied in detail, recently. The article was presented at the meeting of molecular biologists in Tihany, Hungary. No references.

1/1

15

RUSNAK, J., MUDr.; BIRO, E.

Appearance of speed and acceleration angiotensio-oscillograms
in peripheral atherosclerosis. Bratisl. lek. listy 45 no.7:
398-403 15 Ap '65.

1. Statne sanatorium (riaditeľ: MUDr. J. Rusnak, CSc.).

BIRO, Eugenia

Use of nodular graphite cast iron. Gep 15 no.8:304-310 Ag '63.

1. Jarmufejlesztesi Intezet Kiserleti es Kutatasi Focsztaly.

BIRO, Eugenia (Budapest)

Determination of the internal remaining strains in the cylinder
liners hardened by the high frequency process. Muzsaki kozl MTA
28 no.1/4:301-322 '61. (EEAI 10:9)

1. Jarmufeljesztesi Intezet, Budapest.

(Motor vehicles)

BIRO, Eugenie:

Determination of the actual size of mechanical wear in
the cylinder sleeves. Jarmu mezo gep 7 no.8:306-310 '60.

1. Jarmufajlesztesi Intezet.

BIRO, Ferenc, dr.; HUTAS, Imre, dr.

~~Cranium lacunare congenitum. Gyermekgyogyasszat 5 no.9:283-287
Sept. 54.~~

1. Vasnegye Tanacsra Korhaza (Igasgato-foorvos: Szvoboda Jeno dr.)
Gyermekosztalyanak (Foorvos: Frank Kalman, dr.) es Rontgeno-
osztalyanak (Foorvos: Hutas Imre dr.) koslemenye.

(CRANIUM, abnorm.

cranium bifidum)

(ABNORMALITIES

cranium bifidum)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6

ANTAL, Elemer, dr.; SOMFALVI, Bela, dr.; BIRO, Ferenc, dr.; HORVATH, Andor, dr.

On the etiology of congenital crus varum. Orv.hetil. 102 no.30:
1410-1411 23 Jl '61.

1. Komloj Varosi Tanacs Korhaz es Nemibeteggondozo Intezet.

LEG abnorm) (SYPHILIS CONGENITAL compl)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6"

MAROS,Tiberiu; PAPAY,Zoltan; SZABO,Arcadiu; BIRO,Francisc

Morphological aspects of enterogenous liver diseases. Probl.
ter., Bucur. 10 no.2:69-77 '59.

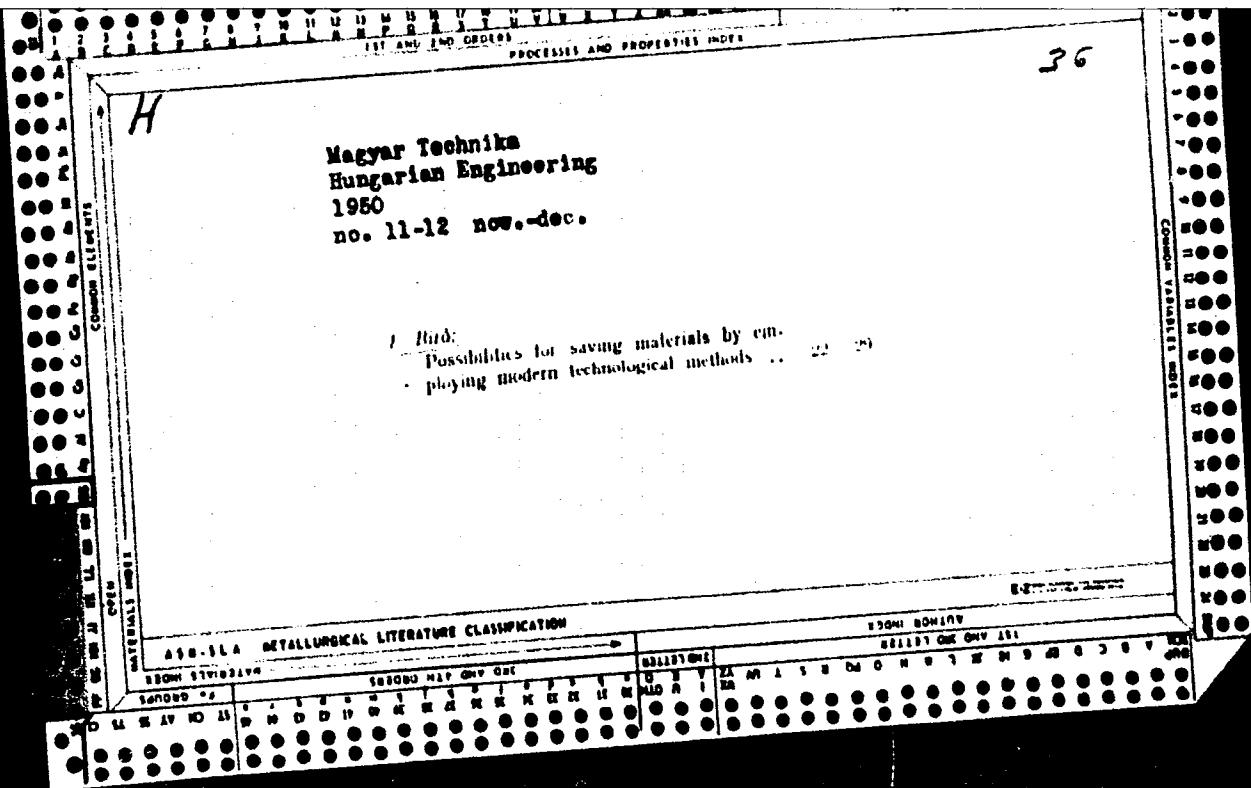
(LIVER DISEASES, etiology)

(STOMACH, neoplasms)

(PEPTIC ULCER, complications)

(CHOLECYSTITIS, complications)

(APPENDICITIS, complications)



MAGYAR TECHNIKA
HUNGARIAN ENGINEERING
1951
No. 3, March

83 84 1 Feng: A contribution to the above article. 78 78

E. Bird: A few timely problems on production in the light of Marxism 79-88

ASA-11A METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6"

BIRO, F.

"Tasks for Our Machine Manufacture in the Execution of the Government Program", p.697 (MAGYAR TECHNIKA, Vol. 8, no.12, Dec. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC. Vol. 3, no. 5, May 1954/Uncl.

BIRO, Ferenc, dr.

Possibilities of specialization in our country. Musz.elet. 15
no.5:4 Mr '60. (MEAI 9:5)

1. Aprilis 4. Gepgyar.
(Hungary--Industrial management)

BIRO, F., ing.

Improvement of fiber quality and labor productivity by
modifying the hemp tow ennobler of the KP-50 type. Ind
text Rum 16 no.1:40-41 Ja '65.

1. Director, Ludus Hemp Mill.

BIRO, F.; KASA, L. [Casa,L.]; BIRO, G.; NAD^t, A. [Nada,A] (Tyrgu-Mures)

Effect of butazolidine on the liver parenchyma. Arkh. pat. 25
no.8t57-60 '63 (MIRA 1784)

1. Iz kafedry normal'noy anatomii i operativnoy khirurgii (zav.
prof. T. Marosh [T.Maros] i kliniki infektsionnykh bolezney
Tyrgu-Mureshskogo mediko-farmatsevticheskogo instituta, Rumyn-
skaya Narodnaya Respublika.

BIRO, Gabor

Development of thermodynamics and the beginnings of the first physical theory of atoms in the middle of the 19th century. Fiz szemle 12 no. 1: 11-16. Ja '62

1. Epitoipari es Kozlekedesi Muszaki Egyetem, Budapest.

BIRO, Gabor, egyetemi tanársegédi

"A history of physics in Hungary up to 1711" by Jolan M.
Zemplen. Reviewed by Gábor Biro. Magy tud 69 no.3:199-200
Mr '62.

1. Budapesti Műszaki Egyetem.

BELAGYI, J.; BIRO, G.

The mathematical formula of the contraction process. Acta physiol. acad. sci. hung. 22 no.3/4:319-325 '62.

1. Institute of Biophysics, Medical University, Pecs.
(MUSCLES)

BIRO, Gabor

From the history of atomic theory. Elet tud 16 no.42:1315-1319 15 0
'61.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6

BIRO, Gabor

Preliminary investigation of the design of density control.
Elelm ipar 16 no.12:373-378 D '62.

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6"

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6

BIRO, Gabor

"A history of physics in Hungary up to 1711" by Jolan M.Zemplen.
Reviewed by Gabor Biro. Klet tud 16 no.21:650 21 My '61.

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6"

BIRO, Gabor

The problem of heat and the development of the concept of energy
in the first half of the 19th century. Fiz szemle 10 no.6:165-173
Je '60.

1. Epitoipari es Kozlekedesi Muszaki Egyetem Kiserleti Fizikai
Tanszeke.

BIRO, Gabor

Control engineering problems of the two-stage Robert type
evaporators. Elelm ipar 18 no.2 45-49 P. A.

1. Food Industry Instrumentation and Automation Service,
Budapest.

BIRO, G.

Morphological changes of myofibrils in the course of the ripening
of meat. Acta veterin. acad. sci. Hung. 15 no.2:133-137 '65

1. Department of Food Hygiene (Director: Prof. V. Gsiszar),
University of Veterinary Sciences, Budapest.

BIRO, F.; KASA, L. [Casa,L.]; BIRO, G.; NAD', A. [Nada,A] (Tyrgu-Mures 1)

Effect of butazolidine on the liver parenchyma. Arkh. pat. 25
no.8:57-60 '63 (MIRA 17:4)

1. Iz kafedry normal'noy anatomii i operativnoy khirurgii (zav.
prof. T. Marosh [T.Maros] i kliniki infektsionnykh bolezney
Tyrgu-Mureskogo mediko-farmatsevticheskogo instituta, Rumyn-
skaya Narodnaya Respublika.

BIRO, GY.

Let us produce more, let us stop the fodder shortage. p. 20. (Magyar Mezogazdasag,
Vol. 11, no. 7, Apr. 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

BIRO, GY.

BIRO, GY. Let us breed more and better heifers. p. 20

Vol. 11, N^o. 10, May 1956

MAGAY MEZAGAZDASAG

AGRICULTURE

Budapest, Hungary

SO: EAST EUROPEAN ACCESSIONS, VOL. 6, no. 3, March 1957

BIRO, GY.

BIRO, GY. Advantages of foddering in winter under natural conditions. p. 24.

Vol. 11, no. 18, Sept. 1956

MAGYAR MEZOGAZDASAG

AGRICULTURE

Budapest, Hungary

So: East European Accession, Vol. 6, No. 5, May 1957

BIRO, G.

The microbiology of curing. Acta microb.hung. 7 no.3:261-267 '60.

1. Hungarian Meat Research Institute, Budapest.
(*ESCHERICHIA COLI*)
(*MEAT microbiol*)

BIRO, Gyorgy

A method for the detection of enteric bacteriophages in water.
Kiserletes Orvostud. 12 no.6:624-627 D '60.

1. A Nephadsereg Egészsegyüj Szolgálatá.
(WATER microbiol)
(BACTERIOPHAGE)

SZEPLAKI, Ferenc, dr.; PINTER, Zoltan, dr.; BIRO, Gyorgy, dr.

The value of the so-called quinine oxidase test in liver diseases.
Orv.hetil. 102 no.10:447-448 5 Mr '61.

1. Budapesti Orvostudomanyi Egyetem, III. sz. Belgyogyaszati
Klinika es a Magyar Nephadserg Eu. szolgalata.
(OXIDASES pharmacol)
(LIVER FUNCTION TESTS)

BIRO, G.

HUNGARY

BIRO, G., Dr, medical major (orvosornagy), Candidate of the Medical Sciences (orvostudomanyok kandidatusa); HORVATH, J., Dr, Medical Major; [Affiliation not given].

"Food Poisoning Caused by Home-Made Sausages."

Budapest, Honvedorvos, Vol 14, No 4, Oct-Dec 62, pp 253-256.

Abstract: [Authors' Hungarian summary] Twenty-seven cases of food poisoning caused by home-made sausages were noted, representing 36 % of the consumers. The causative agent may have been *B. cereus* or the saprophytic microflora, both of which could be cultured from the food. The symptoms (malaise, stomach pains, nausea) appeared 3-6 hours after consumption and ceased 12-36 hours later. It is emphasized that similar cases may be avoided by careful adherence to existing regulations. Of 14 references, 6 are Hungarian, the rest are Western.

1/1

HUNGARY

BALAGYI, J., BIRO, G.; Institute of Biophysics, medical
University (Orvostudomanyi Egyetem Biofizikai Intezete),
Pecs.

"The Mathematical Formula of the Contraction Process."

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Vol 22, No 3-4, 1962, pp 314-325.

Abstract: [English article; authors' English summary] An experimental method has been developed for a practically inertia-free recording of the time course of muscle contraction. It has been confirmed that the time course of muscle contraction satisfies approximately the sinus function. This may have a significance in the understanding of common muscle movements. [Of 10 references, about half are Hungarian and half are Western.]

1/1

7

LORINCZ, F.; BIRO, G.

The sarcolemma of muscle cells. Acta morph. acad. sci. hung. 12
no.1:15-22 '63.

1. Hungarian Meat Research Institute, Budapest (Director: Prof.
F. Lörincz). (MUSCLES) (HISTOLOGY)

BIRO, G.

New investigations into the thinner structure of sarcolemma.
Acta veter Hung 13 no.3: 261-266 '63

1. Lehrstuhl fur Lebensmittelhygiene (Leiter: Prof. V.
Csizsar) der Veterinarmedizinischen Universitat, Budapest.

HUNGARY

CSISZAR, Vilmos, Dr, professor, BIRO, Geza, Dr, scientific investigator (tudomanyos kutato) Veterinary Medical University, Department of Food Hygiene (chairman: CSISZAR, Vilmos, Dr, professor, doctor of veterinary sciences) (Allatorvostudomanyi Egyetem Elelmiszerhigieniai Tanszeke).

"Hygienic and Economic Aspects of the Effect on the Meat Surface, of Wetting and Drying."

Budapest, Magyar Allatorvosok Lapja, Vol 18, No 7, July 1963, pp 288-291.

Abstract: [Authors' Hungarian summary modified] The authors established that a protective layer similar to fascia, is produced on the surface of the meat as an effect of drying. This layer decreases the weight loss due to evaporation during cooling and retards soiling and bacterial decomposition. Thus, it is advantageous both from the points of economy and hygiene. Study on wetting of meat shows that between wetted and not-wetted cut meat there is a weight difference of 1 per cent after three days on 25°C. The weight difference, under similar conditions, is 0.5 per cent for meat which has this fascia-like layer. Studies on weight loss under varying conditions are reported. The ammonia nitrogen content of meat was also determined under varying conditions. Production of ammonia starts immediately after slaughter and its rate is greatly increased by temperature. Ammonia N determinations were used instead of the often questionable evaluation of bacterial counts, although the wet medium of meat facilitates the bacteria-free decomposition as well which also produces ammonia. No references.

1/1

12

PREISICH, Peter, dr.; PINTER, Zoltan, dr.; BIRO, Gyorgy, dr.

The role of sorbitol dehydrogenase in the diagnosis of liver diseases. Orv. hetil. 104 no.27:1272-1278 J1 7 '63.

l. Balassa Janos Korhaz I Belosztaly es Magyar Nephadsereg,
Egeszsegugyi Szolglat.
(HEPATITIS) (LIVER CIRRHOSIS)
(JAUNDICE, OBSTRUCTIVE)
(SORBITOL) (DEHYDROGENASES)

BIRO, G.

Cross section pattern of striated muscle fibers. (Preliminary report). Acta vet. Acad. sci. Hung. 15 no.1:105-109 '65

1. Department of Food Hygiene (Director: Prof. V. Csizsar) of the University of Veterinary Sciences, Budapest.

HUNGARY

BIRO, Gyorgy, Dr, physician-major, candidate of medical sciences [affiliation not given].

"Water as a World-Wide Problem."

Budapest, Honvedorvos, Vol XVIII, No 4, Oct-Dec 66, pages 272-282.

Abstract: In the introduction, the formation and importance of water, the water reservoirs of the world and a historical survey of the supply of water are discussed. The principal topic of the article, water economy, is divided into discussion of the 1) quantitative characteristics, 2) qualitative characteristics, 3) epidemics spread by water, 4) irrigation and 5) the satisfaction of future water demands. In 1), the water needed by different industries and the ratio of surface water in the water supply of different nations are tabulated. In 3), the number of cities with centralized water supply and statistical data on epidemics spread by water in the USA are discussed. In 4), the water reservoirs and hydraulic works built at the Volga and the dams of the Tennessee valley are mentioned. In 5), the attempts made to use less water or reclaimed waste water by the industries, the protection of the natural water reservoirs and the desalting of sea water are mentioned among other topics. 7 Eastern European, 20 Western references.

MICROBIOLOGY

CZECHOSLOVAKIA/HUNGARY

UDC

614.777-078:542.67

BIRO, Gyorgy, GECK, Peter; MERKA, Vladimir; Health Service of the Hungarian Peoples Army, Budapest [Original version not given]; J.E. Purkyne Military Medical Research and Postgraduate Training Institute (Voj. Lek. Vyzk. a Dospol. Ustav), Hradec Kralove.

"The Use of Membrane Filters of Different Production for Microbiological Examination of Water and in the Phage Technique"

Prague, Vojenske Zdravotnické Listy, Vol 35, No 4, Aug 66, pp 177-179

Abstract: Filters produced in Western Germany (Co 5) and of Czechoslovak manufacture (HUFS and VUFS) were compared in the determination of bacterium coli index in water, in the proof of enteral bacteria by the haptene flocculation method, and in the sterilization filtration of phage suspensions. The filtration efficiency of the products is identical, but the Czechoslovak products have a lower rate of filtration, and their regeneration is more difficult. 1 Table, 19 Western, 7 Czech, 1 Russian, 2 Hungarian, 1 Polish reference.

1/1

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6

HIRO, Gyula

Heat treatment tests on high-strength pipes for oil mining.
Koh lap 97 no.48186-189 Ap'64

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6"

BIRO, Iosif; TAMAS, Ghizela; KISS, Ervin; DOMOKOS, L.; PETER, M.; LASZLO, Ioan;
DOMOKOS, Clara

Evolution of resistance to antibiotics of the staphylococcal strain
isolated in recent years in Rumania. Microbiologia (Bucur) 6 no.1:58
Ja-F '61.

BIRO, Istvan, dr.; KALDOR, Istvan, dr.; TOROK, Eva, dr.; VERECKEI,
Istvan, dr.; ~~BIRO, Ilona, dr.~~

Cryglobulinemia associated with porphyria hepatica chronica
(porphyria cutanea tarda). Orv. hetil. 105. no.8:341-343
23 F'64.

I. OTKI III. Belgyogyaszati Tanszek (tanszekvezeto: Strausz, Imre,
dr.), BOTE Borgyogyaszati Klinika (igazgato: Foldvari, Ferenc,
dr.) es II. Belgyogyaszati Klinika (igazgato: Gomori Pal, dr.).

BIRO, Imre

Thus I have repaired it. Radiotechnika 12 no.11:378-379
N '62.

1. Gelka szerviz, Cegled.

BIRO, Imre, dr.

Symptom of crossed vessels in the fundus oculi in hypertension.
Orv. hetil. 96 no.12:322-325 20 Mar 55

1. Az Orszagos Sportegeszsegugyi Intezet (igazgato-foorvos:
Kovary Aladar dr., Szemegeszfoorvos: Biro Imre dr.) kozlemenye.

(HYPERTENSION, manifestations,

eye, symptom of crossed vessels in fundus)

(HYE,

fundus in hypertension, symptom of crossed vessels)

BIRO, Imre.

Development of modern schools of ophthalmology in Europe.
Szemeszet 92 no.1:22-28 Mar 55.

(OPHTHALMOLOGY, education,
in Europe)

BIRO, Imre

New observations on the incidence of familial glaucoma.
Szemeszet 93 no.2:67-72 June 56.

1. Az Orszagos Sportegeszsegugyi Intezet kozlemenye.
(GLAUCOMA
familial incidence (Hun))

*BIRÓ I.**EXCERPT MEDICA Sec.12 Vol.11/5 Ophthalmology May 57*

880. BIRÓ I. Staatl. Sportmed. Inst., Budapest. *Verkehrte Gefässkreuzungs-phenomene am Augenhintergrund hypertonischer Kranker. Reversed arterio-venous crossing-phenomena in the fundus of hypertonic patients KLIN. MBL. AUGENHEILK. 1956, 128/6 (672-679) Illus. 5

There are different types of the reversed crossing phenomenon depending on the mutual relation of the calibre of the vein and the artery lying beneath it. If a small vein crosses over a large artery the vein forms an arch climbing over the artery and nestling close to it. If a large vein crosses a small artery, the rigid artery may be pressed into the lumen of the vein, the vitreal face of the vein not presenting any visible change, or the vein is deflected in its course as if it stumbled over the artery, or in a grosser form the vein may be lifted upwards towards the vitreous forming an edged arch, the diameter of the arch being larger than the lumen of the small artery, the vault being caused by the rigidity of the venous walls. If a vein crosses over an artery of the same calibre, the vein may form an arch over the artery, that means it ascends in an oblique plane and descends in the same way, or the vein is deflected from its direction and forms two rectangular bends, one in front and the other behind the crossing. (Duke-Elder points to these phenomena in his Text-book, Vol. III, pag. 2688.) These reversed crossing phenomena are less frequent than the regular ones because of the relative scarcity of reversed crossing. They are found almost only in cases with blood pressure over 200 mm.Hg. They are the consequence of an active involvement of the veins in the pathological vascular changes.

Stein - Tel-Aviv

BIRO, Imre, dr.

New data on the manifestation of juvenile hypertension in eye fundus; observations in connection with examination of the eye fundus in 10,000 athletes. Orv. hetil. 98 no.15:377-381 14 Apr 57.

1. Az Orszagos Sportegyesseggyi Intezet (igazgato-foorvos: Kovari, Aladar, dr., szemeszfoorvos: Biro, Imre, dr., az orvostudomanyok kandidatusa) kozlemenye.

(HYPERTENSION, manifest.

eye fundus, in young people (Hun))

(HYE, in various dis.

hypertension, eye fundus in young people (Hun))

BIRO, Imre

Ignac Hirschler and his role in the development of Hungarian ophthalmology. Orv. hetil. 98 no.49:1350-1353 8 Dec 57.

Az Orvosi Hetilap alapitasnak 100-ik evfordulaja, a szerkesztoseg fekeresere iff. Tanulmany,

(BIOGRAPHIES)

Hirschler, Ignac (Hun))

(OPHTHALMOLOGY

Contribution of Ignac Hirschler in Hungary (Hun))

Sec. 6 Vol 13/12 Internal med. Dec 50

6998. DATA CONCERNING OCCURRENCE AND CLINICAL FEATURES OF
STRONGYLOIDES STERCORALIS - Adatok a Strongyloides stercoralis
előfordulásához és klinikumához - Hun N. and Biró I. - ORV.SZLE 1958.
4/2 (161-164)

Three cases are reported. In 2 there were no symptoms. In the 3rd patient loss of
weight, malaise, periodical vomiting and swelling of the nasal mucosa persisted
for years until the infestation had been successfully eradicated by treatment with
papain for 14 days. Subsequently no worms were found; the complaints disappear-
ed and the patient gained 16 kg.

Véghelyi - Budapest (L. 6)

BIRO, I., dr.

Pharmacons in the treatment of myopia. Ther.hung. 7:20-23
'59.

1. State Institute of Sports Hygiene (Director: Dr.F.Hajdu),
Ophthalmological Department (Head: Dr. Imre Biro), Budapest.
(MYOPIA ther.)

BIRO, Imre

Symmetric development of pigmentation as a specific factor in
the fundus pattern of pigmented degeneration of the retina.
Szemeszet '96 no.4:168-171 D '59.

1. Az Orszagos Testnevelés- és Sportegyessegugyi Intezet
(Igazgato-foorvos: Hajdu Ferenc, szemesefforvos: Biro Imre
egyet. m. tanar, kandidatus) kozlemenye.
(RETINITIS PIGMENTOSA physiol)

BIRO, Imre, dr.; BOTAR, Zoltan, dr.

On the behavior of intraocular pressure and its relation to
athletic achievements. Orv.hetil. 101 no.1:18-21 Ja '60.

1. Orszagos Sportegeszsegugyi Intezet es a Testnevelesi Poliskola
Orvosi Tanszeke.

(SPORTS)
(INTRAOCULAR PRESSURE)

BIRO, Imre, dr.

Further observations on the fundus oculi in juvenile patients
with essential hypertension. Orv. hetil. 101 no.25:886-888
19 Je '60.

1. Orszagos Testnevelesi es Spartegesssegugyi Intezet.
(HYPERTENSION diag.)
(FUNDUS OCULI)

BIRO, Imre, dr.

Fundoscopic studies during weight-lifting. Orv. hetil. 102 no.40:
1883-1884 10 '61.

1. Orszagos Testnevelés- es Sportegeszsegugyi Intezet, Budapest.

(SPORT MEDICINE) (OPHTHALMOSCOPY)

KELEMEN, Endre, dr.; BIRO, Imre, dr.; SARDY, Istvan, dr.

Principles of adequate administration of fluid therapy in everyday surgical practice. Orv. hetil. 103 no.39:1831-1837 30 S '62.

1. Tolna megyei Tanacs Balassa Janos Korhaza, Sebeszeti osztaly.
(SURGERY, OPERATIVE) (WATER-ELECTROLYTE BALANCE)

BIRO, Imre

HUNGARY

KOVACS, Sandor MD; SZENTGALI, Gyula MD; MOLNAR, Karola, GESZTESI, Tamas
MD and BIRO, Imre, MD, of the Laboratory, Internal Medicine Division and
Surgical Division (Laboratorium, Belostaly es Sebeszeteti Osztaly) of the
Balassa Janos Hospital (Balassa Janos Korhaz) of the Council of Tolna
Hegye (Tolnamegyei Tanacs).

"Polarography in Serodiagnosis of Cancer. Preliminary Communication"
Budapest, Orvosi Hetilap, Vol 103, No 47, 25 Nov 62; pp 2214-2216.

Abstract [Authors' Hungarian summary] Authors describe the polarographic
method of the serodiagnosis of cancer. They report on their preliminary
experiences with a modified polarographic method. On the basis of
these experiences they state that although polarography cannot be con-
sidered a cancer-specific diagnostic method, it may nevertheless turn
out to be a significant factor in the early diagnosis or differential
diagnosis of cancer. Further data are being collected on a large patient
material. [21 references, predominantly Hungarian and East- and West
German].

1/1

KOVACS, Sandor, dr.; SZENTGALI, Gyula dr.; MOLNAR, Ferenc; GESZTESI, Tamas, dr.;
BIRO, Imre, dr.

Polarography in the serodiagnosis of cancer. Orv. hetil. 103 no.47:
2214-2216 25 N '62.

l. Tolnamegyei Tanacs, Balassa Janos Korhaz, Laboratorium, Belosztaly
es Sebeszeti Osztaly.
(SERODIAGNOSIS) (POLAROGRAPHY) (NEOPLASMS)

KOVACS, Sandor, dr.; GESZTESI, Tamas, dr.; MOLNAR, Ferenc, dr.;
SZENTGALI, Gyula, dr.; BIRO, Imre, dr.

Results of polarographic serodiagnosis. Orv. hetil. 105 no.
26:1208-1211
28 Je'64

1. Tplnamgyei Tanacs, Balassa Janos Korhaz, Laboratorium, Belo-
sztaly es Sebeszeti Osztaly.

EIRO, Imre, dr.

Centenary of the journal "Szemeszet". Orv. hetil. 105
no. 45: 2145-2148 8 N '64.

VARGA, I., dr.; DEMERZKY, M.-ne, dr.; BIRÓ, J.-ne, dr.; HEPNERI, P.

Determination of thyrotropic hormone in kidney diseases
(Preliminary report.). Orv. hetil. 106 no.1812 Ja 3 '65

1. Budapesti Orvostudományi Egyetem, R. Klinikája (igaz-
gató: Gomori, Fal. dr.).

KELEMEN, Endre, dr.; SZARKA, Jozsef, dr.; BALOGH, Jozsef, dr.; BIRO,
Imre, dr.; SARDY, Istvan, dr.

An unusual case of aortic aneurysm treated by resection. Orv.
hetil. 106 no.22:1031-1034 30 My'65.

1. Tolna megyei Tanacs, Balassa Janos Korhaz (igazgato-foorvos:
Szentgali, Gyula, dr.); Sebeszeti Osztaly (foorvos: Kelemen,
Endre, dr.) es Korbonctani Intezet (foorvos: Balogh, Jozsef, dr.).

BIRO, Istvan, dr.; MOHAY, Sandor, dr.

Melanoblastoma of the eye following injury. Orv. hetil. 95 no.51:
1412-14-14 19 Dec 54.

1. A Szabolcs-utcai Allami Korhas (igazgato: Doleschall Frigyes dr.)
Korbonctani es Koraszovettani Intezetenek (foorvos: Becsei Anna dr.)
es IV. Belgyogyaszati Osztalyanak (foorvos: Aszodi Zoltan dr.)
kozlemenye.

(EYE, neoplasms

melanoma following inj.)

(WOUNDS AND INJURIES

eye, causing melanoma with metastasis to liver)

(LIVER, neoplasms

melanoma, metastatic from eye)

(EYE, wds. & inj.

causing melanoma with metastasis to liver)

BIRO, Istvan.,; BAUMANN, Laszlo.

Problem of disseminated primary malignant tumors. Kiserletes
orvostud. 7 no.3:329-332 May 55.

1. Szabolcs utcai Allami Korhaz Korbonctani es Koraszovettani
Intezete es Rontgenosztalya.

(NEOPLASMS,
primary cancer originating in various organs simultaneously)

BIRO, Istvan, dr.; KALMAR, Katalin, dr.

Case of myocardial tuberculosis. Orv. hetil. 97 no.12:328-
330 18 March 56.

I. A Szabolcs utcai Allami Korhaz (igaz.-foorvos:
Boleschall, Frigyes dr.) Korbonctani es Korszovettani
Intezetek (foorvos: Vecsei, Anna dr.) es a Fovarosi Tanacs
Robert Karoly koruti Korhaz a (igaz.-foorvos: Krásznai, Ivan dr.)
II. Belgyogyaszati Osztalyanak (foorvos: Gortvai, Gyorgy dr.)
korl.

(TUBERCULOSIS, CARDIOVASCULAR
myocarditis, diffuse infiltrative, pathol. (Hun))

BIRO, ISTVAN.

BIRO, Istvan, Dr.; SUSSKIND, Sarolta, Dr.

Valves of the posterior part of urethra. Gyermekgyogyaszat 8 no.5-6:
186-189 May-June 57.

1. Az Orvostovábbkezso Intezet (igazgato: Dr. Doleschall Frigyes)
Korbonctani es Korszovettani Intezetek (foorvos: Dr. Vecsei Anna) es
Gyermekgyogyaszato Osztalyanak (foorvos: Dr. Steiner Bela) Koziemenye.
(URETHRA, abnorm.
valves of prostatic portion (Hun))

BIRO, ISTVAN

ASZODI, Zoltan, dr.; BIRO, Istvan, dr.

Tuberculosis of duodenal diverticulum. Orv. hetil. 98 no.22:
597-599 2 June 57.

1. Az Orvostovábbkezdo Intezet (igazgato: Doleschall, Frigyes,
dr.) IV. Belgyogyaszati Osztalyanak (főorvos: Aszodi, Zoltan, dr.)
es Korbonctani es Korszovettani Intezetenek (főorvos: Vecsei, Anna
dr.) kozlemenye.

(TUBERCULOSIS, GASTROINTESTINAL, case reports
duodenal diverticulum in miliary tuberc., destructive
ulceration causing hemorrh. & death (Hun))

BIRO, I

EXCERPTA MEDICA See 5 Vol 12/10 General Path Oct 59
3032. PRIMARY TUMOURS OF THE ENDOCARDIUM - Primärpathologien des Endokardiums - YOUSAFI, A., SINGH, J., PATEL, A.M., BURGESS, ARTHUR FREDERIC, - J. AM. MEDICAL ASSOC., PATH. AKAT., 1959, 64/3-6
(1959) 37: Elles, 4
The authors report 5 cases of primary tumours of the left atrium with reference to 8 personal cases. The differential diagnosis between thrombus and carcinoma is discussed. It is stressed that the latter are tumours in the strict sense and clinical picture of these myxomas was practically always that of a mural thrombus. The tumour, however, looks all the time resembling in a real mural thrombus. The symptoms may decrease or increase in accordance with change of position.
Schwannom = Ossified? (V. 10, 18)

BIRO, I.

U-3

HUNGARY/General Problems of Pathology - Comparative Oncology.
Tumors of Man

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75519

Author : Vecsei, Anna; Biro, Istvan

* Inst : -
Title : Primary Endocardial Tumors.

Orig Pub : Orv. hetilap, 1957, 98, No 33, 898-901

Abstract : Description of 3 cases of benign myxomas of endocardium in patients of 38, 66 and 89 years of age. In all 3 cases diagnosis was made only during autopsy. The clinical picture of tumors of given localization is discussed.

* Az ORVOSTUDOMÁNYI INTERZET (MB. IOAGYÁD: BARGYI JENO, DR.)

KORBENCTANI ÉS KORSZÖVETTANI INTERZETÉNEK (FÖRSZÖVET: VECSEI ANNA, DR.)

KÖZLEMÉNYE.

Card 1/1

MOINAR,Antal,dr.; BIRO,Istvan,dr.

Trichinosis: diagnostic and therapeutic problems. Orv, hetil.
101 no.13:460-461 27 Mr '60.

1. Orvostovabbkepzó Intézet, III. Belosztaly.
(TRICHINOSIS)

DINO, Istvan

VEGSEI, Anna, dr.; ISTVAN, Biro, dr.

Mesotheliomas of the serous membranes. Orv. hetil. 101 no.26:
921-924 26 Je '60.

1. Orvostovabkhkezso Intezet, Korbonstani es koraszovettani osztaly.
(MESOTHELIOMA case reports)

STRAUSZ, Imre; MOLNAR, Antal; BIRO, Istvan; TENYI, Maria

Changes in the level of glutamic oxalacetic acid transaminase in
Trichinella spiralis infected rats. Kiserletes orvostud. 13 no.2:
185-187 My '61.

1. Orvostovabbkezdo Intezet III. Belosztalya es Szegedi Orvostudomanyi
Egyetem II. Belgyogyaszati Klinikaja.
(TRANSAMINASE blood) (TRICHINOSIS exper.)

BIRO, Istvan, dr.

Cryophagocytosis. Orv. hetil. 102 no.46:2173-2175 12 N '61.

1. Orvostovabbkepzó Intezet, III sz. Belosztaly.

(PHAGOCYTOSIS)

BIRO, Istvan, okleveles gépeszmérnök

Experiences with the Hungarian-made pneumatic chamber regulation of oil boilers. Mérés automat 10 no.2:59-61 '62.

1. Műszteripari Kutató Intézet tudományos munkatársa.

BIRO, Istvan, dr.; KERTESZ, Tibor, dr.

Cured enteritis necrotisans. Orv. hetil. 103 no. 31:1459-1460 5 Ag '62.

1. Orvostovábbkepző Intézet, Korbonctani Intézet és Sebészeti Osztály.
(ENTERITIS ther)

BIRO, Istvan, dr.

Occurrence of cryoglobulinemia and macrocryoglobulinemia in
brothers. Orv. hetil. 103 no.36:709-712 9 8 '62.

1. Orvostovabbkezdo Intezet, III. Belgyogyaszati Tanszek.
(SERUM GLOBULIN)

BIRO, Istvanno.

HUNGARY

BIRO, Istvan, Dr. VARDAY, Jozsef, Dr. BIRO, Istvanno (Mrs), SZEKELY, Lajos, Dr. KARCSAY, Ilona, Dr; technical coworkers: KOVACS, Ervinne (Mrs); Graduate Medical Institute, III. and IV. Internal Medicine Department (Orvostudomanyi Intezet III. es IV. Belgyogyaszati Tanszak); Medical University of Budapest, II Medical Clinic, Laboratory (Budapesti Orvostudomanyi Egyetem, II. Belgyogyaszati Klinika, Laboratorium); VII.district Council Peterfy Sandor street and XIV. district Council Majus 1 ave Specialist Ambulant Service, Laboratory, Budapest (Budapesti VII. ker. Tahacs Peterfy Sandor utca 14. ker. Tanacs Majus 1 uti Szakorvosi Rendelointezet, Laboratorium)

"The Occurrence of Cryoglobulinemia Based on 9454 Examinations."

Budapest, Orvosi Hetilap, Vol 104, No 5, 3 Feb 63, pages 205-207.

Hungarian
Abstract: [Authors' summary modified] Serum was tested for cryoglobulinemia in 7954 diseased patients and 20 showed positive tests. Of 1500 healthy control subjects none showed positive results. Cryoglobulinemia occurs mainly in hematological diseases (5.48 per cent) although it is not extremely rare in mixed medical cases. Its use is recommended in screening tests to detect early stages of disease. [19 Western 6 Hungarian references]

1/1

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KALDOR, Istvan, dr.; TOROK, Eva, dr.; BIRO, Istvan, dr.

Dermatologic aspects of cryoglobulinemia. Orv. hetil. 106 no.44:
2073-2077 31 0 '65.

1. Budapesti Orvostudomanyi Egyetem, Bors- es Nemikortani Klinika
(igazgato: Foldvari, Ferenc, dr.) es Orvostovabbkepzo Intezet,
III. Belgyogyaszati Tanszek (tanszekvezeto: Strausz, Imre, dr.).

BIRO, I.

"CQ de HA; the column of the Central Radio Club."

p. 19 (Radioteknika) Vol. 8, no. 1, Jan. 1958
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

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CIA-RDP86-00513R000205330002-6

BIRO, Istvan; FABER, Jozsef

DX-hunting. Radioteknika 10 no.2:38-39 F '60.

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330002-6"

BIRO, Istvan; FABER, Jozsef

DX-hunting. Radiotechnika 10 no.3:73-74 Mr '60.

1. "Radiotechnika" szerkeszto bizottsagi tagja (for Biro).

BIRO, Istvan; FABER, Jozsef

DX-hunting. Radiotechnika 10 no.4:104-105 Ap '60.

1. "Radiotechnika" szerkeszto bizottsagi tagja (for Biro).

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BIRO,Istvan; FABER,Jozsef

DX-hunting. Radiotechnika 10 no.5:137-138 Ny '60

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